TABLE OF CONTENTS FOR VOLUME 47

GENERAL;

1, 273, 545, 829, 1115.

HISTORY AND BIOGRAPHY:

2, 273, 545, 832, 1116, 1435.

LOGIC AND FOUNDATIONS:

3, 274, 546, 833, 1117, 1436.

SET THEORY:

10, 283, 554, 840, 1132, 1448.

COMBINATORICS:

10, 283, 555, 841, 1132, 1449.

ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES: 16, 293, 568, 852, 1142, 1458.

GENERAL MATHEMATICAL SYSTEMS:

20, 298, 571, 857, 1146, 1464.

NUMBER THEORY:

21, 299, 573, 858, 1148, 1465.

ALGEBRAIC NUMBER THEORY, FIELD THEORY AND POLYNOMIALS:

32, 307, 584, 869, 1157, 1479.

COMMUTATIVE RINGS AND ALGEBRAS:

35, 309, 587, 871, 1161, 1483.

ALGEBRAIC GEOMETRY:

40, 312, 591, 874, 1166, 1490.

LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY:

42, 314, 596, 876, 1171, 1494.

ASSOCIATIVE RINGS AND ALGEBRAS:

46, 318, 600, 880, 1175, 1497.

NONASSOCIATIVE RINGS AND ALGEBRAS: 51, 326, 606, 885, 1182, 1508.

CATEGORY THEORY, HOMOLOGICAL ALGEBRA:

53, 330, 608, 887, 1185, 1510.

GROUP THEORY AND GENERALIZATIONS: 54, 332, 610, 888, 1188, 1512.

TOPOLOGICAL GROUPS, LIE GROUPS: 68, 345, 628, 904, 1208, 1530.

REAL FUNCTIONS:

X

d

f

r

e

e

1

71, 348, 631, 907, 1213, 1535.

MEASURE AND INTEGRATION:

75, 350, 635, 910, 1217, 1538.

FUNCTIONS OF A COMPLEX VARIABLE:

78, 353, 638, 915, 1222, 1543.

POTENTIAL THEORY:

87, 361, 648, 922, 1230, 1554.

SEVERAL COMPLEX VARIABLES AND ANALYTIC SPACES: 89, 364, 650, 925, 1231, 1558.

SPECIAL FUNCTIONS:

93, 366, 652, 929, 1234, 1561.

ORDINARY DIFFERENTIAL EQUATIONS:

94, 368, 653, 932, 1236, 1564.

PARTIAL DIFFERENTIAL EQUATIONS: 106, 376, 665, 944, 1253, 1583.

FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS: 118, 385, 676, 954, 1265, 1599.

SEQUENCES, SERIES, SUMMABILITY:

120, 386, 677, 955, 1267, 1600.

APPROXIMATIONS AND EXPANSIONS:

121, 388, 678, 957, 1269, 1601.

FOURIER ANALYSIS:

5: 124, 391, 681, 959, 1273, 1605.

ABSTRACT HARMONIC ANALYSIS:

127, 395, 683, 962, 1277, 1609.

INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS: 129, 396, 685, 963, 1281, 1612.

INTEGRAL EQUATIONS:

131, 398, 686, 963, 1283, 1614.

FUNCTIONAL ANALYSIS:

133, 401, 687, 965, 1284, 1617.

OPERATOR THEORY:

150, 420, 703, 980, 1300, 1635.

CALCULUS OF VARIATIONS AND OPTIMAL CONTROL: 163, 432, 715, 991, 1314, 1651.

GEOMETRY:

167, 435, 719, 993, 1318, 1654.

CONVEX SETS AND GEOMETRIC INEQUALITIES: 169, 438, 724, 997, 1322, 1657.

DIFFERENTIAL GEOMETRY:

170, 440, 726, 999, 1324, 1659.

GENERAL TOPOLOGY:

177, 445, 733, 1010, 1336, 1672.

ALGEBRAIC TOPOLOGY:

185, 453, 740, 1019, 1343, 1688.

MANIFOLDS AND CELL COMPLEXES:

187, 457, 745, 1022, 1348, 1692.

GLOBAL ANALYSIS, ANALYSIS ON MANIFOLDS: 192, 462, 749, 1025, 1352, 1700.

PROBABILITY THEORY AND STOCHASTIC PROCESSES: 193, 463, 751, 1027, 1353, 1704.

STATISTICS:

205, 472, 760, 1041, 1364, 1716.

NUMERICAL ANALYSIS:

214, 483, 767, 1050, 1371, 1725.

COMPUTER SCIENCE:

227, 494, 778, 1060, 1380, 1736.

GENERAL APPLIED MATHEMATICS:

MECHANICS OF PARTICLES AND SYSTEMS:

231, 497, 782, 1066, 1386, 1744.

ELASTICITY, PLASTICITY

232, 499, 784, 1068, 1387, 1744.

FLUID MECHANICS, ACOUSTICS:

234, 501, 786, 1070, 1389, 1747.

OPTICS, ELECTROMAGNETIC THEORY: 237, 504, 788, 1072, 1391, 1750.

CLASSICAL THERMODYNAMICS, HEAT TRANSFER: 238, 790, 1074, 1391.

QUANTUM MECHANICS:

238, 506, 790, 1075, 1392, 1751.

STATISTICAL PHYSICS, STRUCTURE OF MATTER: 241, 509, 793, 1081, 1398, 1756.

RELATIVITY:

243, 511, 795, 1082, 1400, 1762.

ASTRONOMY AND ASTROPHYSICS:

244, 514, 797, 1083.

GEOPHYSICS:

514, 1762.

ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES:

245, 514, 797, 1085, 1402, 1763.

BIOLOGY AND BEHAVIORAL SCIENCES: 252, 523, 807, 1096, 1412, 1774.

SYSTEMS, CONTROL:

254, 525, 807, 1098, 1413, 1775.

INFORMATION AND COMMUNICATION, CIRCUITS, AUTO-MATA:

261, 531, 814, 1102, 1420, 1779.

AND THE STATE OF T

